

Monthly report for the Month of May2020
Institute of Wood Science &Technology, Bengaluru

1. IMPORTANT RESEARCH FINDINGS:

1. NEW PROJECTS SANCTIONED DURING THE MONTH: 01

- Project initiated from May 2020 - Phytochemical studies of *Pterocarpussantalinus* bark for its potential utilization (2020- March 2023) PI: Dr. Rakesh Kumar; Project cost: Rs. 25.764 lakhs, Funding Agency: NBA
- Distinguishing *Dalbergia latifolia* Roxb. and *D. sissoo* DC. Woods using anatomy, chromatography, near infrared spectroscopy and molecular marker techniques. PI .Dr. S.R. Shukla, Project cost: Rs. 145.40, 3 years: 2020-2023,Funding Agency: ICFRE

2. PROJECTS CONCLUDED DURING THE MONTH:

3. PARTICIPATION INSEMINARS/WORKSHOPS (BOTH NATIONAL & INTERNATIONAL):

Sl. No	Topic	Duration	No. of participants	Beneficiaries

4. MEETINGS ORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

5. MEETINGS ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries

6. WORKSHOPORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

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7. WORKSHOP ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Participated in Web seminar on “ Bamboo Agarbatti sticks Industry- The impact of the amended import policy ” on May 7, 2020 . Host: IT Helpdesk Kolkata	1 day	1	Industries in India
2	Participated in Web seminar: 1 st Symposium “ Water Challenges during and post COVID-19 ” An International 4 week webinar series; on May 7, 2020 . Hosted by Prof. Pradeep, IIT Chennai, in-charge for International Centre for Clean Water.	1 day	1	Common people
3	Participated by Dr. T.N. Manoharain 2nd Symposium: “ Detergent and chemicals for disinfection ”. Hosted by Prof. Pradeep, IIT Chennai, in charge for International Centre for Clean Water.on May14, 2020 . Hosted by Prof. Pradeep, IIT Chennai, in charge for International Centre for Clean Water.	1 day	1	Common people
4	Participated in 3 rd Symposium Symposium-3: “ Water and hygiene – best practices ”. Hosted by Prof. Pradeep, IIT Chennai, in-charge for International Centre for Clean Water. on May14, 2020 . Hosted by Prof. Pradeep, IIT Chennai, in charge for International Centre for Clean Water.	1 day	1	Common people
5	Participated in the Web Seminar: Thinking Long-Term in Ecology: Monitoring the Mudumalai Forests over 30 Years . on 30-05-2020 Guest Speaker: Professor. Raman Sukumar, CES, IISC Bengaluru. Hosted by AMITY University.	1 day	1	Foresters, Researchers, Research scholars

8. TRAININGS ORGANIZED: NIL

Sl.No	Topic	Duration	No. of participants	Beneficiaries

9. TRAININGS ATTENDED: NIL

Sl.No	Topic	Duration	No. of participants	Beneficiaries

10. DEMONSTRATIONS: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

11. PARTICIPATION IN KISAN MELA/EXHIBITION/TRADE FAIR ETC.: NIL

Institute	Participated	Duration	Place

12. OTHER EXTENSION ACTIVITY: NIL

13. RESEARCH PAPERS:

- JayashriGunjal, R. M. Abhilash, Shakti Chauhan (2020) Effect of repeated cycles of wetting and drying on mechanical properties of wood–polypropylene composites, Journal of Indian Academy of Wood Science, <https://doi.org/10.1007/s13196-020-002620> (Published online - 30th May 2020)
- Ambika, Rakesh Kumar and Amit Pandey (2020). Exploring Ascomycetes Fungus *Hypoxyton fendleri* as a Source for Natural Textile Dye. Indian Forester, (146) 4: 365-366.
- B.P. Tamta, Nikhil Verma, Rakesh Kumar, Arun Uniyal (2020). Distribution, Quantification and Selection of Superior Quality Germplasms of *Oroxylum indicum* (L.) Kurz (Shyonak) in Different Forest Divisions of Uttar Pradesh. Indian Forester (146) 4, 338-346.
- Hamalton T., Jaganathan R., Khanam A. (2020) *In vitro* culture establishment and seed studies of *Diospyros buxifolia* (Blume) Hiern - A slow growing timber species of Western Ghats. European J. Biotechnol. Biosci. 8 (1): 15-20 (Published on 21.4.2020)
- Sundararaj, R. and Vimala, D. 2020. The whitefly genus *Aleurotrachelus* Quaintance & Baker (Hemiptera: Aleyrodidae) from India with description of three new species. *Oriental Insects*, DOI: 10.1080/00305316.2020.1757528

14. VISIT OF DIGNITARIES: NIL

15. CONSULTANCIES: NIL

16. OTHER IMPORTANT ACTIVITIES:

- Anti-Terrorism Day was celebrated on 21 May 2020 to prevent terrorism and violence and highlight the damages and sufferings to mankind. Through virtual means of webex meet, employees took the anti-terrorism pledge both in Hindi and English.
- World Biodiversity Day was celebrated on 22 May 2020 to promote and raise global awareness on issues related to biodiversity. Director, IWST addressed the staff and students virtually through WebexMeet. The theme for the current year being “Our Solutions are in Nature”.
- Dr. A. Muthukumar, Scientist-E submitted “Report on consultancy work on translocation of trees” to the Director as per instructions received on 05/05/2020.
- Dr. A. Muthukumar, Scientist-E submitted comments and Review of article titled “Chir Pine (*Pinus roxburghii*) Mortality in Mid-hills of Nepal” from the journal Indian Phytopathology on 08/05/2020.
- Dr. A. Muthukumar, Scientist-E submitted PCR abstract titled “Incidence, forecast and control of emerging and re-emerging disease problems in nurseries & plantations of sandalwood” to GCR on 11/05/2020.
- Dr. A. Muthukumar, Scientist-E submitted Report on field observation photos for the advisory work "Investigation of a peculiar symptom on Teak (*Tectona grandis*) at 25 ha of SPA - Teak Plantation, Dandeli, Karnataka" carried out during 2014 to RFO, Dandeli on 12/05/2020.
- Dr. A. Muthukumar, Scientist-E submitted detailed information on “Progress of Memorandum of Agreement on Transplantation of Trees” with relevant annexures to the Director as per instructions received on 26/05/2020.
- Dr. A. Muthukumar, Scientist-E as expert member in Tree Expert Committee appointed by Govt. of Karnataka attended meeting on 11/05/2020, 26/05/2020, 28/05/2020 and conducted field visit on 16/05/2020 and 19/05/2020.
- Test reports of 6 wood samples for identification and 4 samples for moisture content were sent to the concerned department/parties.